

Approved For Release 2007/07/25 : CIA-RDP78T05693A000300030026-9

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ODE - 4050
DATE OF INFO: 22 August 1957

PAR - 181 - 57
1 September 1957
Page 1 of 5
COPY NO. 14

1. ODE - 4050 arrived at on 1 September at 1107.

25X1

2. Photography is of excellent quality. Camera 8 (left oblique) malfunctioned after only 104 exposures.

ODE - 4050, 22 August 1957, South Central USSR

SUMMARY:

This preliminary study reports a nuclear weapons proving ground covering an area in excess of 360 square miles including at least 8 ground zeros, shot tower and instrumentation, auxilliary airfield, and limited support facilities; several major industrial complexes; 1 major airfield with a total of 5 bombers, 7 fighters, 10 transports and one helicopter. Intermittent cloud cover varying from scattered to heavy occurs throughout the mission.

25X1

TOP SECRET

25X1

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25X1

2. SEMIPALATINSK

50° 28' N - 80° 13' E (V 403-405, RO 403-405)

Semipalatinsk and surrounding area covered by excellent
photography.

a. SEMIPALATINSK AIRFIELD

50° 21' N - 80° 15' E

25X1

Two concrete runways 9000 by 270 feet NW/SE and 2800
by 230 feet E/W. Aircraft observed: 2 Badger, 3 Beagle,
7 Fresco type, 4 Cab, 3 Coach/Crate, 3 Creek, 1 Hound.

TOP SECRET

25X1

TOP SECRET

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Secure area in which is located a large concrete loading pit
approximately [] Two Badgers are in this area as
previously reported in ODE []

25X1

25X1

3. ZMEINOGORSK

51° 09' N - 82° 12' E []

25X1

Zmeinogorsk covered by excellent photography. A large open
pit lead-zinc mine was noted.

4. BARNAUL - ALTAYSKAYA

53° 20' N - 83° 48' E []

25X1

Barnaul-Altayskaya area covered by excellent photography.

[] refers to Altayskaya area only with
Barnaul cloud covered. Considerable industrial expansion was
noted to the north of Barnaul including a large thermal power
plant.

25X1

a. BARNAUL AIRFIELD

53° 20' N - 83° 41' E []

25X1

One sod runway 4000 by 370 feet ENE/WSW. Aircraft
observed: 6 Beagle, 1 Fresco, 32 Liaison/trainer planes.

TOP SECRET

25X1

TOP SECRET

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5. SOROKINO

53° 45' N - 84° 50' E

25X1

A railroad right-of-way, running southeast, is under construction at Sorokino.

6. KISELEVSK

53° 58' N - 86° 42' E

PROKOP'YEVSK

53° 50' N - 86° 49' E

25X1

Entire area covered by excellent photography extensive coal mining and several explosives storage areas noted.

7. STALINSK COMPLEX

53° 44' N - 87° 10' E

25X1

Stalinsk Complex covered by excellent photography. Portions of steel mill are covered by smoke. Considerable industrial expansion noted south of the city. Unidentified industrial city and dam is located on the Kondoma River approximately 15 nm south of Stalinsk.

8. LENINOGORSK

50° 21' N - 83° 33' E

25X1

Western portion of the city covered by excellent photography.

The Lead-Zinc Combine was only partially covered.

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TOP SECRET

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9. GLUBOKOYE COPPER AND LEAD WORKS

50° 08' N - 82° 19' E

25X1

The Glubokoye Copper and Lead Works covered only on the far oblique. Scattered clouds obscure part of the area.

10. UST' KAMENOGORSK

49° 56' N - 82° 37' E

25X1

Heavy cloud cover obscures most of the area. However, portions of the Lead-Zinc Combine and a thermal power plant were observed.

11. TALDY-KURGAN AIRFIELD

45° 02' N - 78° 23' E

25X1

One sod runway 4500 by 100 feet WSW/ENE. Aircraft observed: 1 Cab, 4 liaison type. Landing area approximately 3500 feet square.

TOP SECRET

25X1